

(Unclassified // FOUO)
CSWC Operational Period Summary
0600 January 04 2017 to 1800 January 04 2017



Mud and Debris flow in a Duarte neighborhood, Los Angeles County.

Photo Credit: LA County Fire PIO / Twitter

Duty Officer	
EDO	Carla Simmons
CSWC Watch Officer	Chad Stokes (Day) Grady Tunnell (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	Bill Bondshu
LDO	Dennis Smithson
IDO	Lindsey Stanley
CDO	Catrina Christian
SDO	Jim Acosta
PIO	Brad Alexander
TDO	Ben Green
IT	Michael Crews
EQTP	Yvette LaDuke
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



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STAC 24 Hour Open Source Report

- Report Attached



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

2016 Statewide January Winter Storms

A strong storm system will impact portions of Northern and Southern California beginning Saturday and continuing into Monday. This system is expected to bring heavy precipitation with the heaviest precipitation forecasted for Sunday and Monday. Higher snow levels (approximately 8000 feet) and some low-level snow melt are expected across mountainous areas including the Sierras. The majority of storm impacts will be from rainfall, not snow melt. Several forecast points along the North Coast, Central Coast, Truckee River, Sacramento River, and San Joaquin systems are expected to exceed monitor or flood stage starting late Sunday night.

- See corresponding slide for full briefing

Cal OES COASTAL REGION

- See 2016 Statewide January Winter Storms Slides

Cal OES INLAND REGION

- See 2016 Statewide January Winter Storms Slides

Cal OES SOUTHERN REGION

- See 2016 Statewide January Winter Storms Slides

SITUATION SUMMARY

2016 Statewide January Winter Storms

Thursday-Friday

- Drier conditions with very cold temperatures are expected. There is a possibility of icy roads across portions of Northern California.

Saturday-Monday

- Moderate to heavy precipitation can be expected for the northern portion of California.
- There are many hydrologic concerns including:
 - Flooding along small creeks/streams.
 - Clogged drains with inundated flat lands and agricultural areas.
 - Debris flows and mudslides will be possible over burn scar areas.
- Main stem flooding could be possible for several rivers.

Statewide Significant Watches/Warnings

A Flood Watch has been issued for a total of 8 counties:

- Counties are: Alpine, El Dorado, Lassen, Mono, Nevada, Placer, Plumas and Sierra.

Flash Flood Watches have been issued for a total of 5 counties:

- Counties are: Fresno, Madera, Mariposa, Tulare and Tuolumne.

SITUATION SUMMARY

2016 Statewide January Winter Storms

Burn Scars with Potential for Concern

Coastal Burn Scars

Jerusalem – Lake and Napa Counties

Rocky – Lake County

Valley – Lake County

Coleman – Monterey County

Soberanes – Monterey County

Loma – Santa Clara County

Inland Burn Scars

Butte – Amador and Calaveras Counties

Emerald – El Dorado County

King – El Dorado and Placer Counties

Rough – Fresno County

Cedar – Kern County

Erskine – Kern County

Way – Kern County

Gap – Siskiyou County

Southern Burn Scars

Round – Inyo and Mono Counties

Calgrove – Los Angeles County

Colby – Los Angeles County

Fish – Los Angeles County

Powerhouse – Los Angeles County

Sand – Los Angeles County

Chimney – San Luis Obispo County

Solimar – Ventura County

Springs – Ventura County



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2016 Statewide January Winter Storms

State/Federal Agency Preparatory Activities

State Parks

- California State Parks has notified their Public Safety Superintendents in all Districts advising them to take precautions for storm preparation, as well as staffing accordingly and advising park visitors via typical communication methods.

Department of Water Resources

- The Department of Water Resources (DWR) Flood Operations Center (FOC) will remain on regular staffing pattern today and tomorrow utilizing duty officer notifications after hours.
 - DWR will implement extended 24 hours staffing on Saturday and Sunday.

California Nevada River Forecast Center

The California Nevada River Forecast Center (CNRFC) will implement extended 24 hour staffing for Saturday and Sunday in response to the storms.

SITUATION SUMMARY

2016 Statewide January Winter Storms

Cal OES Coastal Region

Activations

- None at this time

Deployments

- None at this time

County Preparatory Activities

- None at this time

Missions

- None at this time

Infrastructure

- None at this time

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:

- Mendocino County: Navarro River at Navarro
 - Potential Impacts: Flooding of Highway 128 approximately 5 miles from Highway 1 is certain and the highway will be closed. Motorists should use alternate routes

River Forecast - The following rivers are forecast to meet or exceed monitor stage through Monday:

- Del Norte County: Smith River at Doctor Fine Bridge, Smith River at Jed Smith
- Mendocino County: Russian River at Hopland
- Santa Clara: Guadalupe River at San Jose at Almaden Expressway

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

SITUATION SUMMARY

2016 Statewide January Winter Storms

Cal OES Inland Region

Several forecast points along the North Coast, Central Coast, Truckee River, Sacramento River, and San Joaquin systems are expected to exceed monitor or flood stage starting late Sunday night.

Multiple reservoirs affecting the San Joaquin (Friant) and Sacramento (Folsom) river basins will be making flood control releases.

- As these flood releases are scheduled the river forecasts will be updated.

Activations

- None at this time

Deployments

- None at this time

County Preparatory Activities

- None at this time

Missions

- None at this time

Infrastructure

- None at this time

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:

Sacramento County:

- Consumes River at Michigan
- Consumes River at McConnell

Placer County:

- Truckee River at Truckee
 - Monitor Stage. No flooding along the Truckee River from Bear Creek in the Alpine Meadows area to Truckee. Approximately 1470 cfs. USGS estimates this much flow has about a 1 in 2 chance of being exceeded any year.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage this Monday:

Sutter County: Sacramento River at Tisdale Weir, Sacramento River at Fremont Weir

Colusa County: Sacramento River at Colusa Weir

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

SITUATION SUMMARY

2016 Statewide January Winter Storms

Cal OES Southern Region

On 01/04/17, the Cal OES Southern Duty Officer (SDO) participated in a conference call with Mono County Operational Area (OA):

- The OAs major concern is flooding in multiple areas based on history and the forecast.
 - Sunday through Monday is the time frame for the majority of anticipated rainfall from this system.
- There are no specific requests for assistance at this time.
- There are no plans to proclaim a local emergency.
- The Cal OES Law Duty Officer (LDO) will be working with the Sheriff to formulate any specific requests on 01/05/17.
- The Cal OES SDO and Southern Region will continue to stay in contact with the OA and will provide updates as warranted.

Activations

- None at this time

Deployment

- None at this time

County Preparatory Activities

- No specific requests for assistance at this time

Missions

- None requested at this time

Infrastructure

- Currently no infrastructure issues at this time

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

FIRE ACTIVITY

Cal OES Fire Preparedness Levels

National	Northern California	Southern California
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2

- Nothing Significant to Report.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

Monterey and San Luis Obispo Counties: State Route 1 from 11 miles north of San Simeon to 4.3 miles south of Big Sur due to rock a slide.

- Estimated time of reopening: 01/05/17

Non-Lifeline Routes:

Nevada County:

Westbound Interstate 80 at Nevada State Line, due to slippery road conditions.

- Estimated time of reopening: Unknown

El Dorado County:

State Route (SR) 50 at Twin Bridges to Meyers.

- Estimated time of reopening: Unknown

Siskiyou County: Southbound Interstate 5 is closed at the Jct. of SR 96, due to a traffic collision.

- Estimated time of reopening: Unknown

Wildfire Closures:

- There are no Wildfire Closures at this time.

Emergency Center Activations:

- There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check
current highway conditions.
You can also call 1-800-427-7623 for
current highway conditions.



California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:

- None reported.

Remote/Community Isolations:

- None reported.

WEATHER OF CONCERN

Weather of Concern

- A feed of subtropical moisture into Northern California will keep a mainly wet pattern going over Northern California for the coming week.
- Today's system will bring snow over the Sierra through this evening with decreasing showers expected Thursday. Friday will see a break in the precipitation before another round of precipitation hits the north state over the weekend and into early next week.
- Sunday and Monday look to be the wettest days with high snow levels combining with heavy precipitation to bring another round of possible local flooding.
- A moist westerly flow will continue to bring periods of rain to portions of Southwest California through Thursday. Rain will likely overspread much of the Los Angeles basin. Additional moderate to locally heavy rainfall over San Luis Obispo and Santa Barbara counties could bring additional roadway flooding of low lying roads and intersections.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

Key Points

01/05 – 01/12

Thursday-Friday

- Drier with very cold temperatures expected. Possibility of icy roads across portions of Northern California.

Saturday-Monday

- Moderate to heavy precipitation northern 2/3 of California. Many hydro concerns including:
 - Flooding along small creeks/streams
 - Clogged drains with inundated flat lands and agricultural areas
 - Debris flows and mudslides possible over burn scars
 - Main stem flooding for the following rivers:
 - Cosumnes River – at forecast level, expect water to flood houses in Wilton and south bank levee near Wilton overtopped.
 - Truckee River – impact to some private bridges and low-lying structures from Bear Creek in Alpine Meadows area to Truckee.
 - Merced River in Yosemite at PoHono Bridge – forecast to exceed record level from 1/2/97 when widespread catastrophic damage to Yosemite Valley occurred.

Tuesday - Wednesday

- Another round of heavy precipitation with significant impacts to travel along with continued hydro issues across much of the state.



California OES Impact Threat Matrix

Jan 05, 2017 – Jan 12, 2017

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather							
Winds							
Extreme Cold	N.CA	N.CA					
Snow			Sierra	Sierra	Sierra		Sierra
Heavy Rain/ Flash Flooding			Cntrl CA	Cntrl CA	Cntrl CA		Cntrl CA
Debris Flows/Mud Slides			Burn Scars	Burn Scars	Burn Scars		Burn Scars
River Flooding							
Severe Weather							

 High Threat
 Moderate Threat
 Slight Threat
 No Discernible Threat



WEATHER SYNOPSIS BY REGION

NORTHERN CALIFORNIA

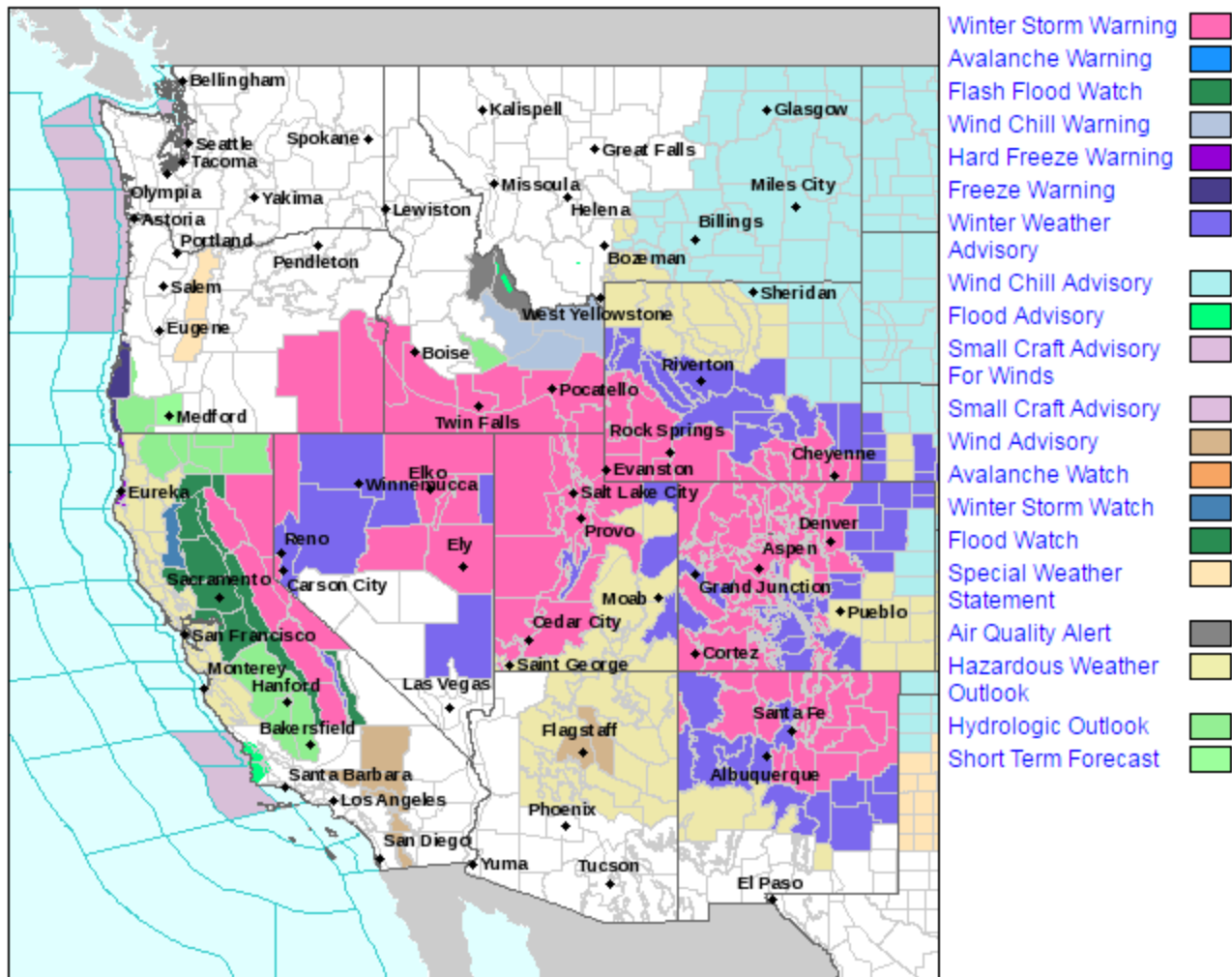
A series of very wet Pacific winter storms will continue to impact the region for the next week to ten days. The current system is gradually exiting the region, but the last snow showers from it will end late tomorrow in the Lake Tahoe region. Light to locally moderate northwest to northeast surface winds will gradually move in behind this system - in northern areas tonight and tomorrow and farther south in the evening and early Friday. A second storm system will arrive Friday night or Saturday and continue into early next week. More waves of moderate to heavy precipitation will follow all of next week. Snow levels will generally be 2000-4000 feet in the north and 3000-5000 feet in the south - at times a bit higher as a wave of precipitation approaches and then sometimes lower at the tail end of each wave. Gusty southeast to southwest winds will also be common as each wave approaches. Total water equivalent for the next week could be 10-15 inches in the mountains and 2-5 inches at lower elevations.

SOUTHERN CALIFORNIA

Rain, heavy at times, will continue across Central California through tomorrow afternoon as zonal flow continues. Showers will move south into the region this evening and continue through tomorrow evening. An additional 4 to 8 inches of rainfall will occur across the foothills and mountains of Central California, with 1 to 2 inches of additional rainfall across the coastal and valley areas of Central California through tomorrow. Most foothill and mountain locations of the region will receive between a half and one inch of rainfall, while most coastal and valley locations receive between a quarter inch and a half inch of rainfall. The snow level will be between 7,000 and 8,000 feet. Temperatures will be near to a little below average through tomorrow, with 40s to low 50s across the mountains and 50s to low 60s in the valleys. A weak ridge of high pressure will bring a little warmer temperatures along with dry conditions to the region Friday. Zonal flow will set up again Saturday through early next week bringing periods of heavy rainfall to Central California. This rain will spread south into Southern California early next week. The foothills and mountains of Central California will receive between 6 and 12 inches of rainfall during this period, while the coastal and valley areas receive between 3 and 6 inches of rainfall. Most of Southern California will receive between 1 and 3 inches of rainfall early next week. The snow level will rise to around 10,000 feet this weekend then lower to between 6,000 and 7,000 feet early next week. Temperatures will be a little above normal this weekend and then drop to a little below normal early next week. There will be periods of strong and gusty south to west winds over the wind prone mountain and desert areas through early next week. The only day with light winds across the entire region will be Friday when the weak ridge of high pressure moves across California..



WEATHER MAP



Last map update: Jan, 4th 2017 at 7:45:30 pm MST



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CAL OES LAW ENFORCEMENT MISSIONS

Ongoing Cal OES Law Missions

- **2017-LAW-29060, 01/03/17 at 0600 hours:** Calaveras County requested cell phone forensics and a search helicopter to locate a 42 year old male missing while snow shoeing. Air Force Rescue Coordination Center (AFRCC) has provided cell phone forensics which provided a search area of 38.3848508, -120.235662 and the California National Guard is working on a helicopter. The weather is hampering helicopter support. **Mission Ongoing.**

Closed Cal OES Law Missions

- **2017-LAW-29072, 01/03/17 at 1052 hours:** Mendocino County Sheriff requested mutual aid assistance in rescuing three subjects stranded in a vehicle at 39.535171, -122.950723, which plots to Forest Rd 7N02 in Mendocino National Forest. The subject's vehicle was disabled as a result of deep snow. Mendocino requested a Snow Cat, and a back up plan of a California National Guard helicopter to extract the individuals. A Snow Cat from the South Lake County Fire Department, with personnel from Cal Fire, were able to respond and rescue the stranded subjects. The California National Guard was on standby but was not deployed. **Mission Closed.**

CAL OES MISSIONS

Cal OES Missions

- **2016-Coastal-26477:** Cal Recycle debris removal assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. **Mission Ongoing.**
- **2016-Coastal-26412:** DTSC clean up assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. **Mission Ongoing.**
- **2016-IREOC-21748:** Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- **2015-IREOC-19846:** One RAWS weather station to Amador OA – On scene 11/30/15, expected to be left in place until May 2017. **Mission Ongoing.**

Cal OES 2016 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **58** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County), Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolumne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.